

FIG. 1

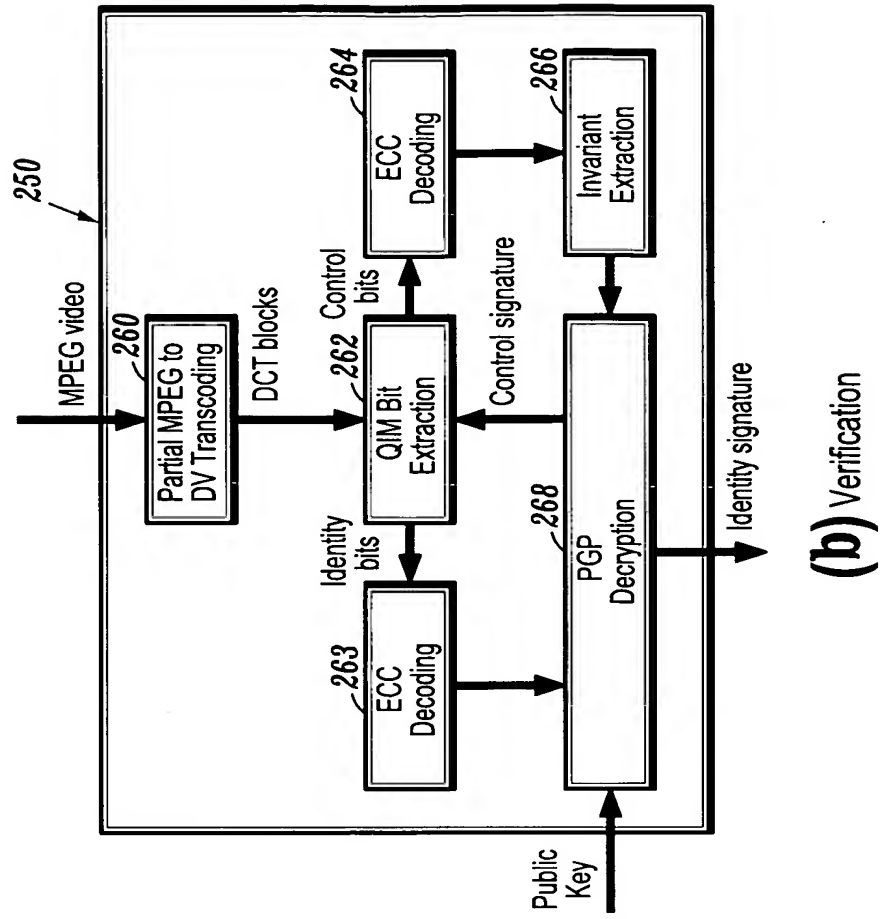
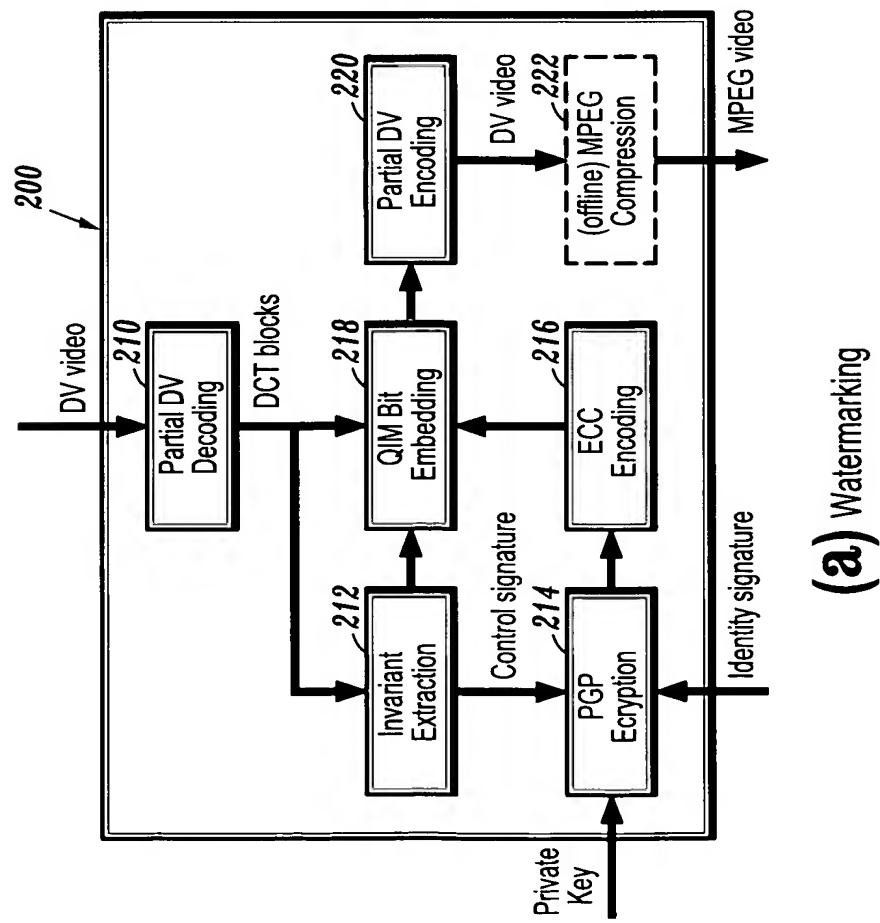


FIG. 2

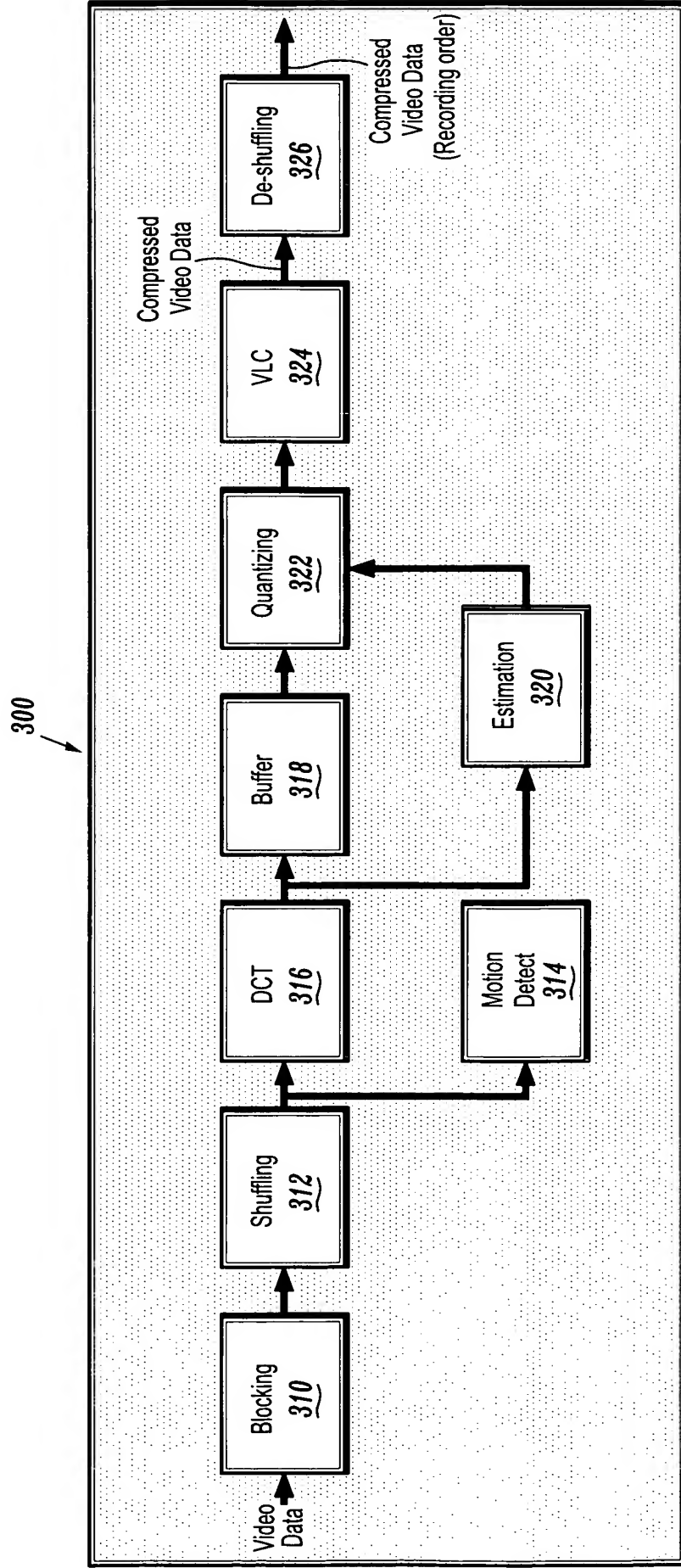


FIG. 3

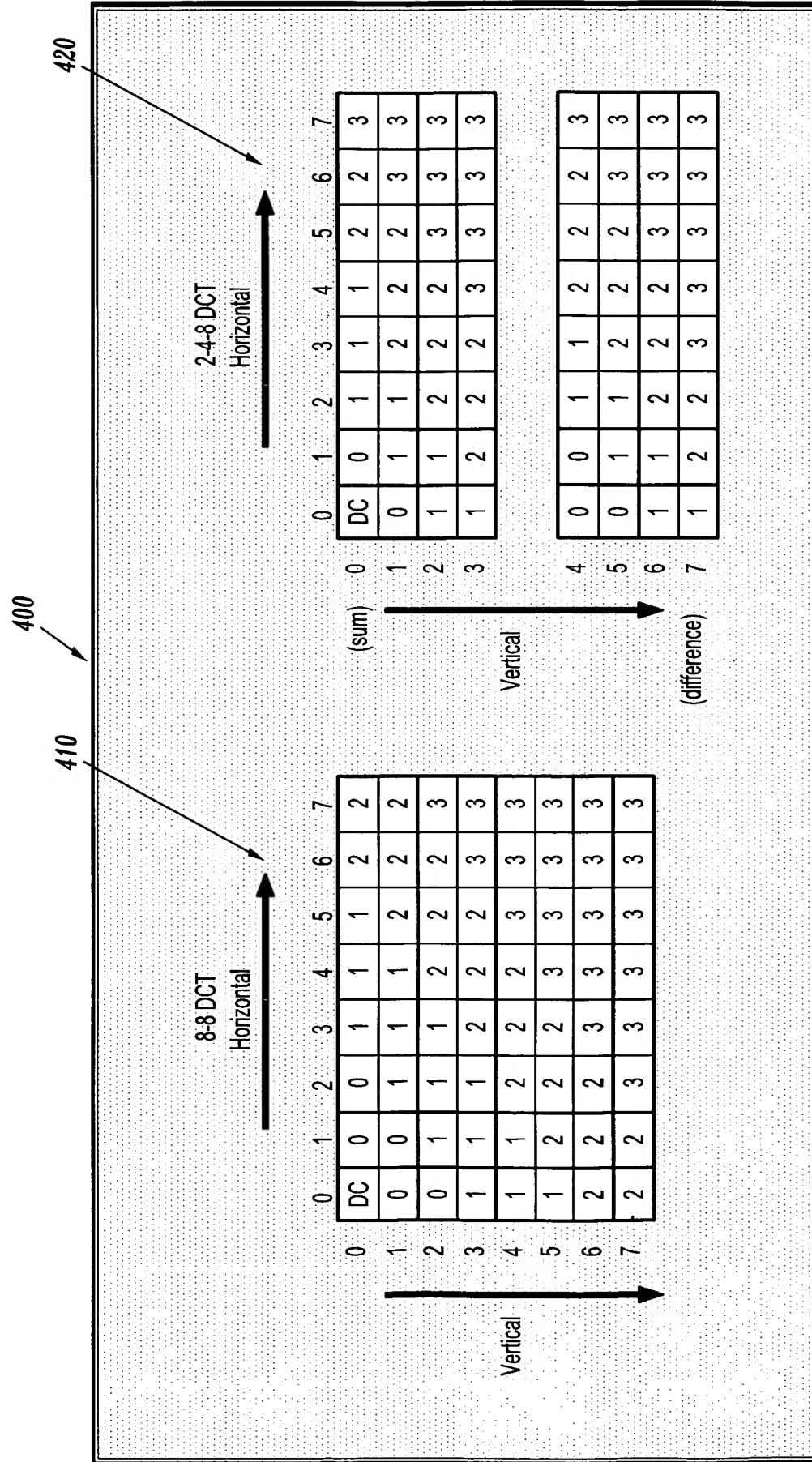


FIG. 4

Quantization number (QNO)	Class number			Area number		
	0	1	2	3	0	1
15					1	1
14					1	1
13					1	1
12		15			1	1
11		14			1	1
10		13		15	1	1
9		12	15	14	1	1
8		11	14	13	1	1
7		10	13	12	1	2
6		9	12	11	1	2
5		8	11	10	1	2
4		7	10	9	1	2
3		6	9	8	2	4
2		5	8	7	2	4
1		4	7	6	2	4
0		3	6	5	2	4
		2	5	4	4	8
		1	4	3	4	8
		0	3	2	4	8
			2	1	4	8
			1	0	8	16
			0		8	16

FIG. 5

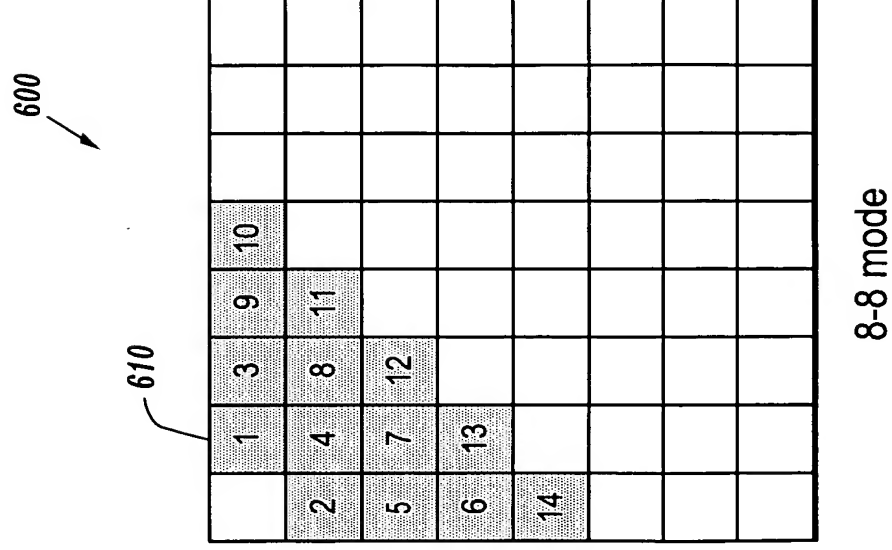
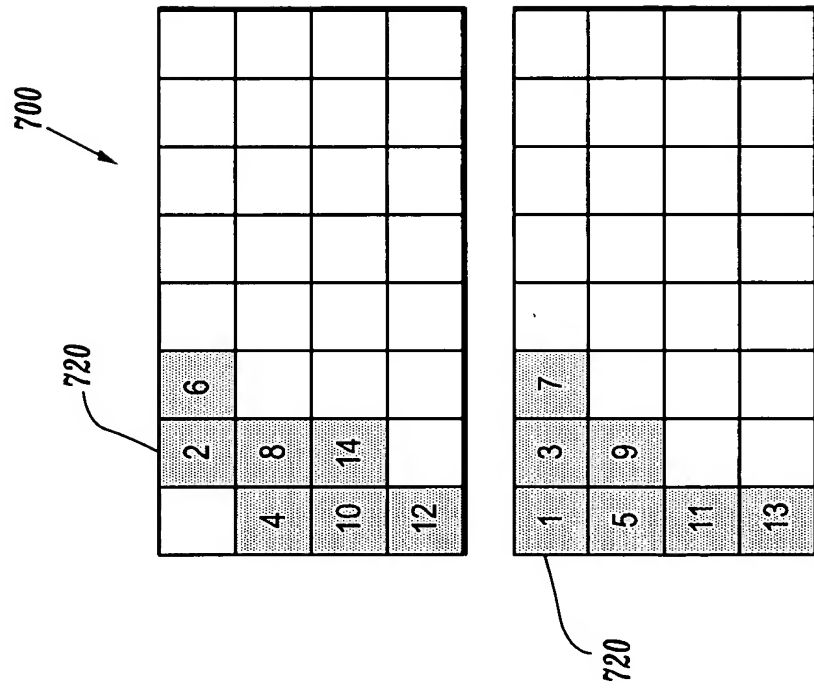


FIG. 6



2-4-8 mode

FIG. 7

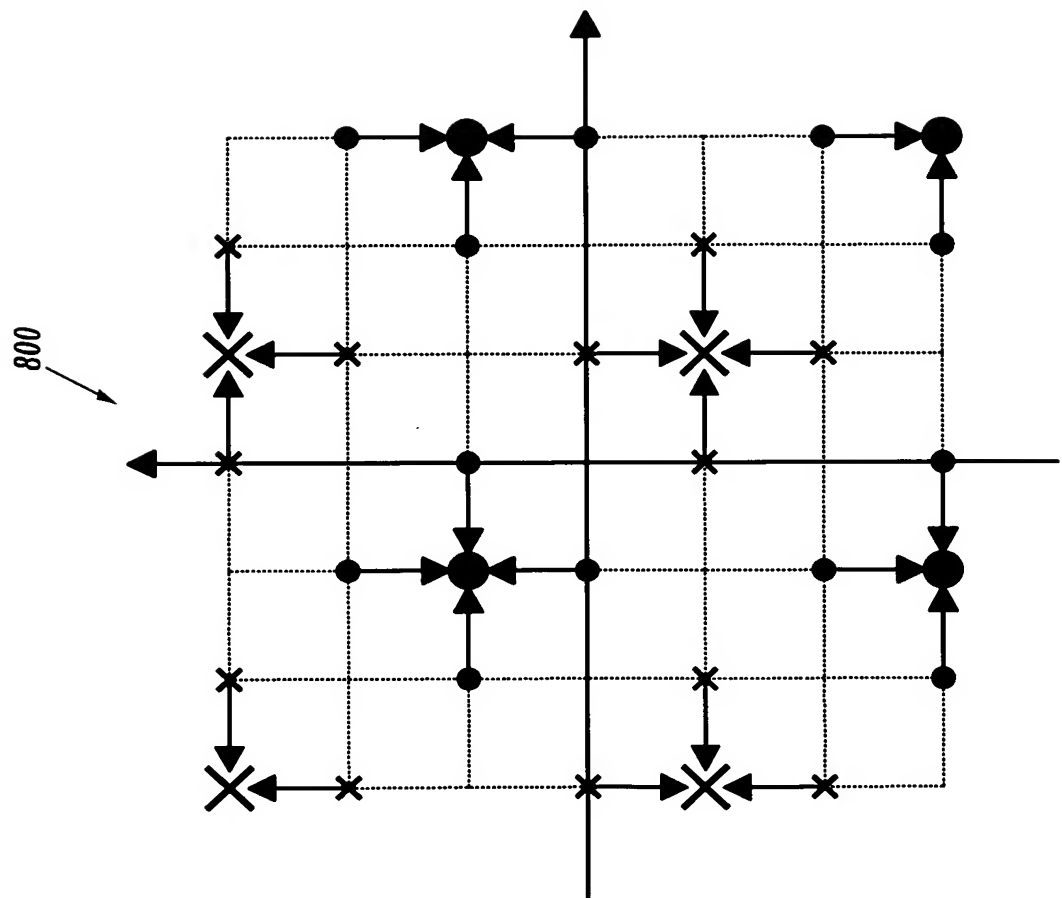
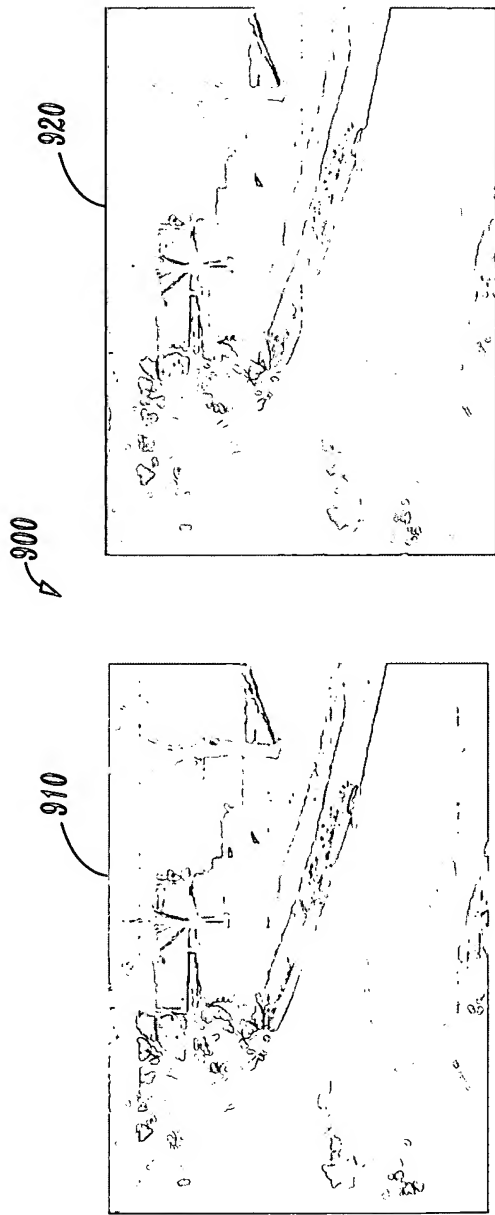
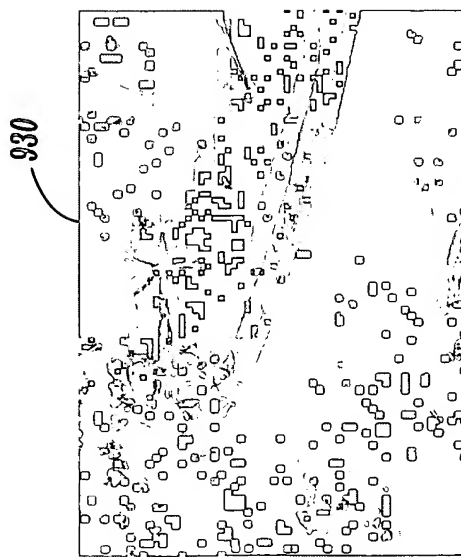


FIG. 8

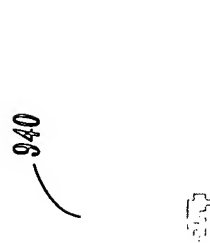


(a) Original frame

(b) Tampered frame



(c) Error blocks reported by ECC



(d) Filtered score map of tampering

FIG. 9

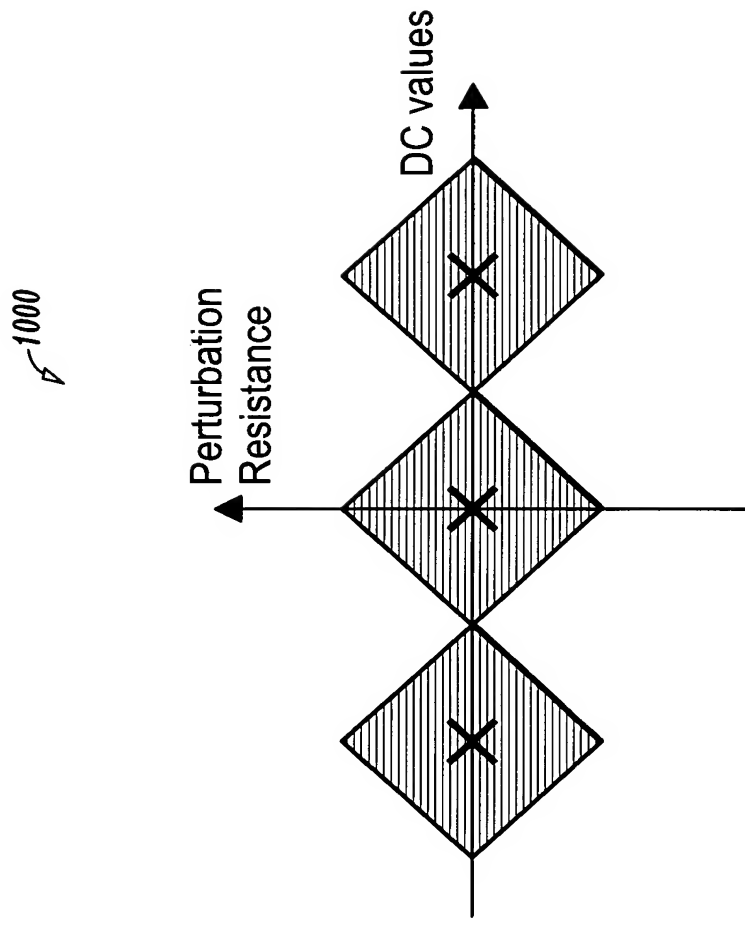


FIG. 10

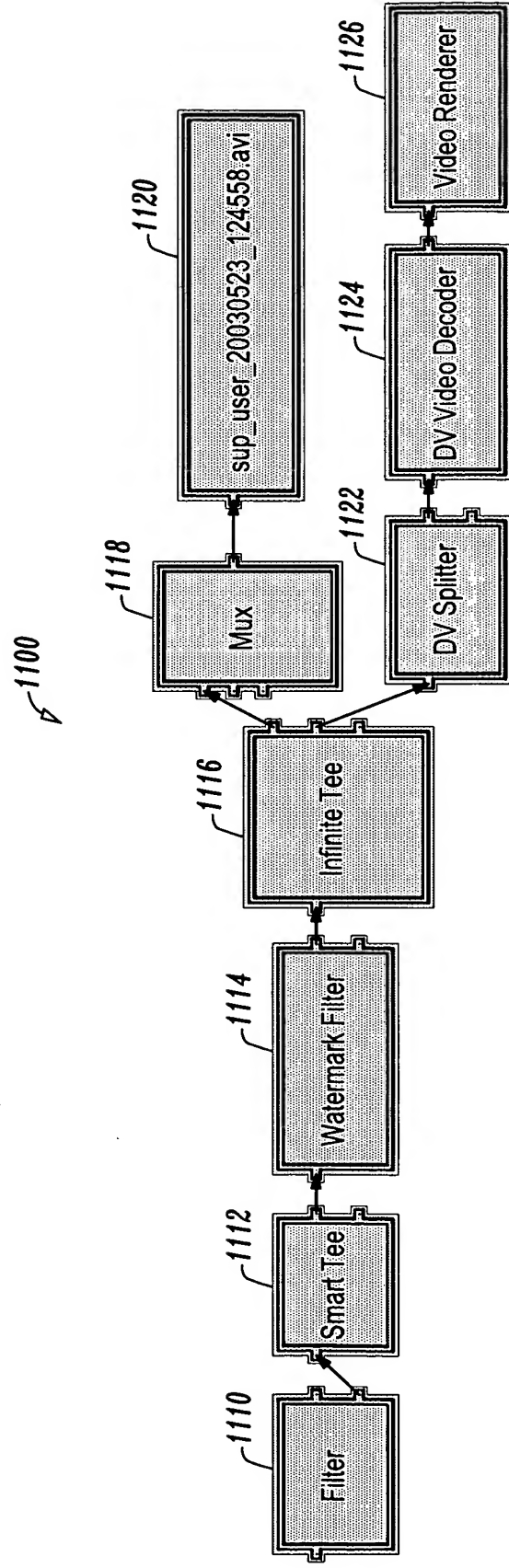


FIG. 11

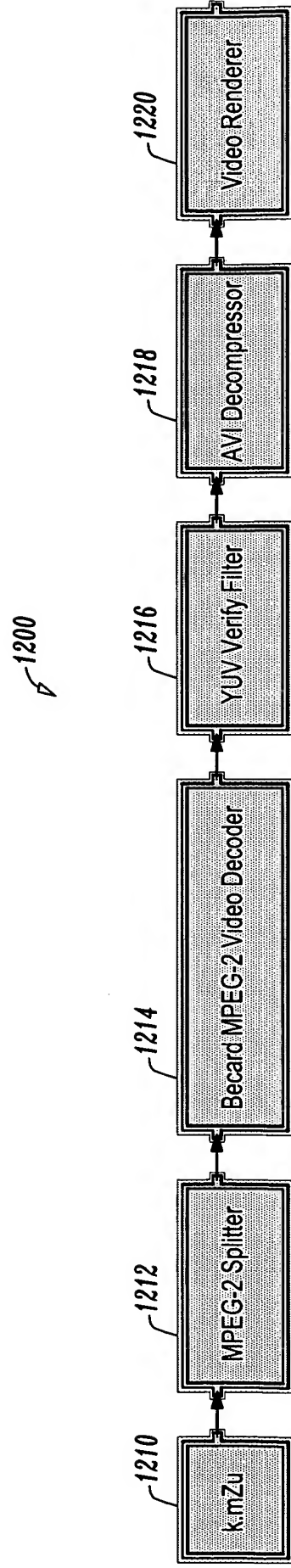


FIG. 12

